

## FILE NOTATIONS

Entered in NID File \_\_\_\_\_  
Entered On S R Sheet \_\_\_\_\_  
Location Map Pinned ✓ \_\_\_\_\_  
Card Indexed \_\_\_\_\_  
I W R for State or Fee Land \_\_\_\_\_

Checked by Chief QIB \_\_\_\_\_  
Copy NID to Field Office \_\_\_\_\_  
Approval Letter \_\_\_\_\_  
Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 11-8-66  
OW ✓ \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected \_\_\_\_\_  
Bond released \_\_\_\_\_  
State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 12-15-66  
Electric Logs (No. ) 1 \_\_\_\_\_

E \_\_\_\_\_ I \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

A Routine Velocity Log

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-2058</b>
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>
2. NAME OF OPERATOR <b>TEXACO Inc.</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 810, Farmington, New Mexico 87401</b>		8. FARM OR LEASE NAME <b>Navajo Tribe "AC"</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>1950' from South line and 1820' from West line</b> At proposed prod. zone <b>Same</b> <b>SW NE SW</b>		9. WELL NO. <b>8-X</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approx. 6 1/2 miles southwest of Ismay Trading Post, Utah San Juan</b>		10. FIELD AND POOL, OR WILDCAT <b>McKins Mesa</b>
15. DISTANCE FROM PROPOSED* <b>1820' to lease line</b> NO. OF ACRES IN LEASE LOCATION TO NEAREST <b>500' to drilling</b> <b>2560</b> PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. <b>4, T4S, R26E, S1M</b> AND SURVEY OR AREA
18. DISTANCE FROM PROPOSED LOCATION* <b>unit line</b> 19. PROPOSED DEPTH TO NEAREST WELL, DRILLING, COMPLETED, <b>6000'</b> OR APPLIED FOR, ON THIS LEASE, FT. <b>1650' NE of Well</b>		12. COUNTY OR PARISH 18. STATE <b>Utah</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>No. 11</b> <b>5112' GR</b>		22. APPROX. DATE WORK WILL START* <b>October 8, 1966</b>

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" ✓	24#	200' ✓	Circulate
7-7/8"	5-1/2" ✓	14#	5100' ✓	*
7-7/8"	5-1/2"	15.5#	6000'	*

\*Sufficient amount to bring cement 600' above all pay zones.

**FORMATION TOPS AS EXPECTED (Approx.)**  
Monaker Trail. . . . . 4830' ✓  
Ismay. . . . . 5780' ✓  
Total Depth. . . . . 6000' ✓

C-L  
F-R

Cause 109.1

Drilling Unit # 3

Notes: March 11, 1965

43-037-20141

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *C. B. Jamm* TITLE **District Superintendent** DATE **9/23/66**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

COMPANY Texaco Inc.

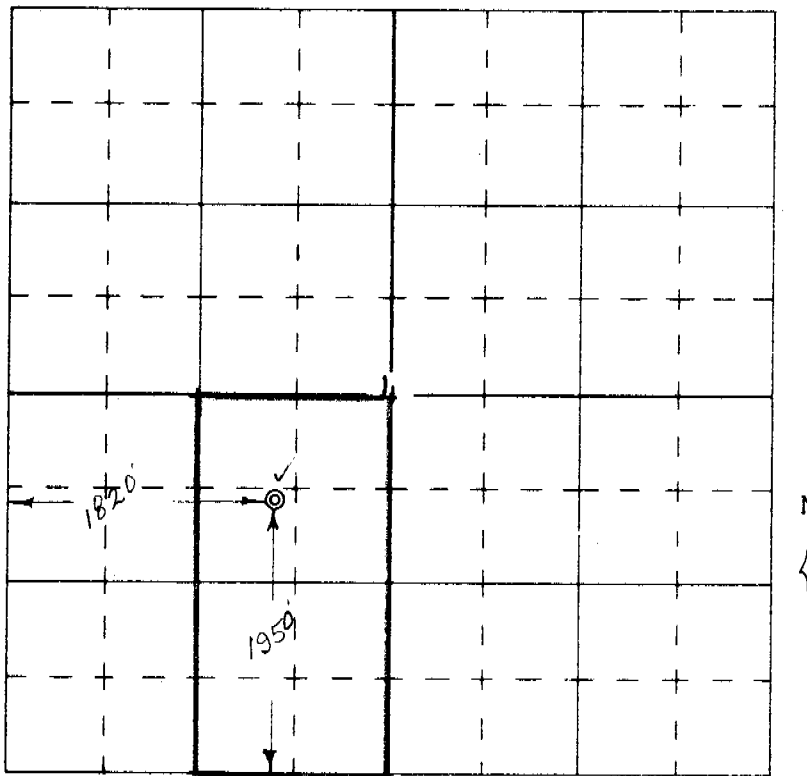
Well Name & No. NAVASO TRIBE AC 8-X Lease No. 14-20-603-2058

Location 1950 feet from South line and 1820 feet from West line

Being in San Juan County, Utah

Sec. 4, T.41S., R.26E., S.L.M.

Ground Elevation 5112



Scale -- 4 inches equals 1 mile

Surveyed September 16, 1966

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Farmington, New Mexico

*C. P. [Signature]*  
Registered Professional  
Engineer and Land Surveyor.  
Utah No. 2533

September 27, 1966

Texaco Inc.  
P. O. Box 810  
Farmington, New Mexico 87401

Re: Well No. Navajo Tribe "AC" #8-X,  
Drilling Unit #3, Sec. 4, T. 41 S.,  
R. 26 E., San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the Order issued in Cause No. 109-1, on March 11, 1965.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period. Enclosed please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-037-20141 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,  
OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:sc

cc: P. T. McGrath, District Engineer  
Box 959  
Farmington, New Mexico

7

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R714.4

ALLOTTEE .....  
TRIBE Navajo Tribe "AC"  
LEASE NO. 14-20-603-2058

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field McElmo Mesa

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 19 66

Agent's address P.O. Box 810 Company TEXACO Inc.

Harmington, N.M. 87401 Signed [Signature]

Phone 325-7553 Agent's title District Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, reason; date and reason of test for gasoline content of gas)
SW NW 4	11S	26E	7	31	4,342	42	1,011		1,289	Pumping
NE SW 4	"	"	8		-		-		-	Plugged and abandoned
NE SW 4	"	"	8-X		-		-		-	Drilling @ 4723'
SW NE 4	"	"	9		-		-		-	Dry hole, held for possible salt water disposal well
SW SW 4	"	"	11	28	3,695	42	5,056		9,497	Pumping
					8,037		6,067		10,786	
Flared										210 MCF
Sold to El Paso Natural Gas Co.										4,057 MCF
Used on Lease										1,800 MCF
Total										6,067 MCF
USGS(2) CA(1) LK(1) CBS(1) OGCC(2) ESH(1) File(1) - 9										

NOTE.—There were 2 runs or sales of oil; 4,057 M. cu. ft. of gas sold;

NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT INSTRUCTIONS ON REVERSE SIDE

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2058

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribe "AC"

9. WELL NO.

8-X

10. FIELD AND POOL, OR WILDCAT

MoElmo Mesa

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

4, T41S, R26E, S1M

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5126' DF

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Spudded well 4:00 PM, 10-21-66.

Drilled 12-1/4" hole to 225' and cemented 211' of 8-5/8" casing at 223' with 125 sacks of regular cement with 2% calcium chloride added. Cement circulated. Tested casing with 800 psi for 30 minutes. Casing tested okay.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

District Superintendent

DATE

11/29/66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TWO COPIES\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**14-20-603-2058**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Navajo**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Navajo Tribe "AC"**

9. WELL NO.

**8-X**

10. FIELD AND POOL, OR WILDCAT

**McElmo Mesa**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

**4, T41S, R26E, S1M**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**5126' DF**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Drilled 7-7/8" hole to 5970' and cemented 5958' of 5-1/2" casing at 5970' in two stages with DV tool set at 1800'. Cemented first stage through float collar with 220 sacks of regular neat cement. Cemented second stage through DV tool at 1,800' with 520 sacks of 50:50 Pozmix with 4 percent gel added, followed by 50 sacks of regular neat cement. Cement circulated from DV tool to surface. Tested casing before and after drilling out DV tool with 1,000 psi for 30 minutes. Casing tested okay.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE **District Superintendent** DATE **11/29/66**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2058

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribe "AC"

9. WELL NO.

8-X

10. FIELD AND POOL, OR WILDCAT

Mojave Mesa

11. SEC., T., R., M., OR BLM. AND  
SURVEY OR AREA

4, T41S, R26E, S1M

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TEXACO Inc.

3. ADDRESS OF OPERATOR

P. O. Box 810, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1950' from South line and 1820' from West line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5126' DF

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

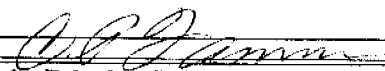
Total depth 5970'. Plugged back depth 5920'.

Perforated 5 1/2" casing from 5876' to 5882' with 2 jet shots per foot. Set packer at 9851' and treated perforations 5876' to 5882' with 500 gallons of 15% HCl acid. Broke formation with 4500 psi. Pressure broke to 4200 psi and then to a vacuum. Acid went in formation on a vacuum at the rate of 1.75 barrel per minute. Swabbed 33 barrels of load water, 12 barrels of acid water and 164 barrels of salt water. Unable to lower fluid level below 2400'. Pulled packer and set retainer at 5872'. Squeezed perforations 5876' to 5882' with 100 sacks of regular neat cement. Maximum squeeze pressure 3000 psi. Perforated 5 1/2" casing from 5813' to 5822', 5838' to 5844' and 5860' to 5865' with 2 jet shots per foot. Treated perforations 5813' to 5822' with 200 gallons of 15% HCl acid and 1000 gallons of 15% CRA acid. Treating pressure 1200 psi with an average injection rate of 1 1/2 barrels per minute. Five minute shut-in pressure 150 psi. Set bridge plug on bottom and packer at 5780'. Treated all perforations (5813' to 5822', 5838' to 5844' and 5860' to 5865') with 400 gallons of 15% HCl acid and 2000 gallons of 15% CRA acid. Treating pressure 1800 to 1300 psi with an average injection rate of 1 barrel per minute. Five minute shut-in pressure 700 psi. Swabbed 68 barrels of load water and 31 barrels of acid water in 1-1/2 hours and well

(Over)

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE

District Superintendent

DATE

12/9/66

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



REC 12 1966

## Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

commenced flowing. On 24 hour test ending 10:00 AM, 12-5-66 well pumped 108 barrels of 43° gravity oil and 8 barrels of water. Length of pump stroke 100" with 11 strokes per minute.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R365.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-2058</b>	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>	
2. NAME OF OPERATOR <b>TEXACO Inc.</b>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <b>P. O. Box 810, Farmington, New Mexico 87401</b>		8. FARM OR LEASE NAME <b>Navajo Tribe "AC"</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>1950' from South line and 1820' from West line</b> At top prod. interval reported below <b>Same</b> At total depth <b>Same</b>		9. WELL NO. <b>8-X</b>	
14. PERMIT NO. <b>-</b>		10. FIELD AND POOL, OR WILDCAT <b>McKlimo Mesa</b>	
DATE ISSUED <b>-</b>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>4, T41S, R26E, S1M</b>	
15. DATE SPUDDED <b>10-21-66</b>		12. COUNTY <b>San Juan</b>	
16. DATE T.D. REACHED <b>11-9-66</b>		13. STATE <b>Utah</b>	
17. DATE COMPL. (Ready to prod.) <b>11-18-66</b>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>5126' DF</b>	
19. ELEV. CASINGHEAD <b>5116'</b>		20. TOTAL DEPTH, MD & TVD <b>5970'</b>	
21. PLUG, BACK T.D., MD & TVD <b>5920'</b>		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY <b>0' to 5970'</b>		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>5813' to 5822', 5838' to 5844' and 5860' to 5865' in McKlimo Mesa Formation</b>	
25. WAS DIRECTIONAL SURVEY MADE <b>Yes</b>		26. TYPE ELECTRIC AND OTHER LOGS RUN <b>Gemma Ray-Sonic Caliper</b>	
27. WAS WELL CORED <b>Yes</b>		28. CASING RECORD (Report all strings set in well)	
CASING SIZE <b>8-5/8"</b>		WEIGHT, LB./FT. <b>24#</b>	
DEPTH SET (MD) <b>223'</b>		HOLE SIZE <b>12-1/4"</b>	
CEMENTING RECORD <b>125 sacks</b>		AMOUNT PULLED <b>None</b>	
5-1/2"		14# & 15.5#	
5970'		7-7/8"	
790 sacks (Cemented in two stages - DV tool set at 1800')		None	
29. LINER RECORD		30. TUBING RECORD	
SIZE <b>None</b>		SIZE <b>2-7/8"</b>	
TOP (MD)		DEPTH SET (MD) <b>5833'</b>	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		SCREEN (MD)	
31. PERFORATION RECORD (Interval, size and number) <b>5813' to 5822', 5838' to 5844' and 5860' to 5865' with 2 jet shots per foot</b>		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) <b>5813' - 5822'</b> <b>5813' - 5822'</b> <b>5838' - 5844'</b> <b>5860' - 5865'</b> AMOUNT AND KIND OF MATERIAL USED <b>200 gal 15% HCl &amp; 100 gal 15% CRA</b> <b>400 gal 15% HCl &amp; 200 gal 15% CRA acid</b>	
33.* PRODUCTION		DATE FIRST PRODUCTION <b>11-18-66</b>	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <b>Pumping</b>		WELL STATUS (Producing or shut-in) <b>Producing</b>	
DATE OF TEST <b>12/5/66</b>		HOURS TESTED <b>24</b>	
CHOKE SIZE		PROD'N. FOR TEST PERIOD <b>108</b>	
OIL—BBL. <b>108</b>		GAS—MCF. <b>93</b>	
WATER—BBL. <b>8</b>		GAS-OIL RATIO <b>860</b>	
FLOW. TUBING PRESS. <b>-</b>		CASING PRESSURE <b>-</b>	
CALCULATED 24-HOUR RATE <b>108</b>		OIL—BBL. <b>108</b>	
GAS—MCF. <b>93</b>		WATER—BBL. <b>8</b>	
OIL GRAVITY-API (CORR.) <b>43°</b>		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Sold</b>	
TEST WITNESSED BY <b>V. K. McDaniel</b>		35. LIST OF ATTACHMENTS	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED <b>C. G. [Signature]</b> TITLE <b>District Superintendent</b> DATE <b>12/9/66</b>	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

9961 51 070

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

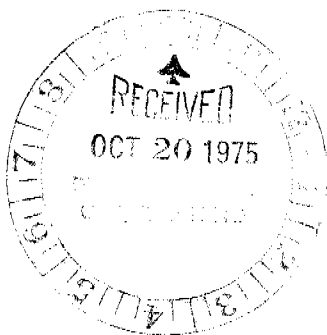
**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ismay	5774'		<p>Core #1 - 5800' to 5860'. Recovered 584', 34' dolomite, 7' dolomite with thin shale partings, 2' dolomite - porous with slight show of oil, 12' dolomite and lime with good porosity and oil show, 3' black shale</p> <p>Core #2 - 5860' to 5904'. Recovered 43' grey lime with pinpoint porosity, few vugs.</p> <p>Core #3 - 5904' to 5920'. Recovered 16' shale, grey limestone and pinpoint porosity.</p>			



File Code 6.45  
Form approved.  
Budget Bureau No. 42-R714-1.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE  
TRIBE Navajo Tribe "AC"  
LEASE NO. 14-20-603-2058

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County San Juan Field McElmo Mesa

The following is a correct report of operations and production (including drilling and producing wells) for the month of SEP, 1975.

Agent's address P.O. Box EE Company TEXACO Inc.  
Cortez, Colorado 81321 Signed Alvin R. Marx  
Phone 303-565-8401 Agent's title Field Foreman

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause, date and result of test for gasoline content of gas)	
SW NW 4	41S	26E	7	—	—	—	—	—	—	Shut in	
NE SW 4	41S	26E	8-X	29	152	41	353	—	29	Pumping	
Oil Disposition:					Gas Disposition:						
Sales-----					69	Sold to El Paso Nat. Gas Co.--					0
Used on or off lease for prod. purposes-----					0	Used on lease for production purposes.-----					353
Lost in tests, spills, blowouts, etc.-----					0	Vented for well test purposes, production venting with prior approval.-----					0
Total					69	Lost due to line breaks, equip. malfunction, blowouts, fires, etc.-----					0
						Total					353

USGS(2) LK(1) JAS(1) OGCC(2) Monsanto(1) File(1) - 8

USGS(2) LK(1) JAS(1) OGCC(2) Monsanto(1) File(1) - 8

NOTE.—There were 2 runs or sales of oil; 0 M. cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE  
TRIBE Navajo Tribe "AC"  
LEASE NO. 14-20-603-2058

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County San Juan Field McElmo Mesa

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCT, 1975.

Agent's address P.O. Box EE Company TEXACO Inc.  
Cortez, Colorado 81321 Signed Alvin R. Mann  
Phone 303-565-8401 Agent's title Field Foreman

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NW 4	41S	26E	7	—	—	—	—	—	—	SHUT IN
NE SW 4	41S	26E	B-X	31	110	41	391	—	31	PUMPING Jfk
Oil Disposition:					Gas Disposition:					
Sales					Sold to El Paso Nat. Gas Co.--					0-
Used on or off lease for prod. purposes					Used on lease for production purposes					391
Lost in tests, spills, blowouts, etc.					Vented for well test purposes, production venting with prior approval					0
Total					Lost due to line breaks, equip. malfunction, blowouts, fires, etc.					0
					Total					391

USGS(2) LK(1) JAS(1) OGCC(2) Monsanto(1) File(1) - 8

NOTE—There were No runs or sales of oil; 0 M. cu. ft. of gas sold;

NOTE—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

File Code 6.45  
Form approved  
Budget Bureau No. 12-10114

ALLOTTEE  
TRIBE Navajo Tribe "AC"  
LEASE NO. 14-20-603-2658

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Nebraska County San Juan Field McElmo Mesa

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUG 1977

Agent's address P.O. Box EE Company TEXACO Inc.  
Cortez, Colorado 81321 Signed Alvin R. Mandy  
Phone 303-565-8401 Agent's title Field Foreman

SEC. AND TWP.	RANGE	NE. 1/4	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NW 4	41S	20E	7	-	-	-	-	-	Shut in
NE SW 4	41S	20E	8N	31	132	38	376	38	Pm.

*need 1 copy for file*

USGS(2) FAS(1) LE(1) Houston Comptrollers, Attn, G. M. Eaton(1)  
OCC(2) MONSANTO(1) File(1) - (9)

Note.—There were NO runs or sales of oil; -0- M. cu. ft. of gas sold;

NO runs or sales of gasoline during the month. (Write "no" where applicable.)

Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2058 POW
2. NAME OF OPERATOR TEXACO Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME 060920 Navajo
3. ADDRESS OF OPERATOR P.O. Box EE, Cortez, CO 81321	7. UNIT AGREEMENT NAME Navajo Tribe "AC"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1950' from South line and 1820' from West line.	8. FARM OR LEASE NAME Navajo Tribe "AC"
14. PERMIT NO. 43-037-00141	9. WELL NO. 8-X
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5126' DF	10. FIELD AND POOL, OR WILDCAT McElmo Mesa
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4, T41S, R26E, SLM
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Other)	<input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Texaco Inc. proposes to plug and abandon the Navajo Tribe "AC" 8-X.  
The well has a casing leak and is not economical to repair.

Texaco proposes to plug the well in the following manner:

- 1) Set cement retainer @5775'. Pump 25 sxs cement below retainer. Spot 10 sxs of cement on top retainer.
- 2) Fill hole w/mud (9.2 ppg).
- 3) Spot 25 sxs cement plug inside 5½" csg. across the top of the Hermosa @4750'.
- 4) Spot 25 sxs cement plug inside casing across top of chindle @1250'.
- 5) Spot 25 sxs cement plug inside casing across csg. shoe @ 223'.
- 6) Spot 50' surface plug inside 5½" csg.
- 7) Erect dry hole marker. Clean and restore location.

18. I hereby certify that the foregoing is true and correct  
SIGNED Alan A. Kleier TITLE Area Superintendent DATE May 28, 1987  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

ACCEPTED BY (H.C. 10-1)  
OF UTAH DIVISION  
OIL, GAS, AND MINING

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other Instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2058

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribe "AC"

9. WELL NO.

8X

10. FIELD AND POOL, OR WILDCAT

McElmo Mesa

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 4, T41S, R26E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TEXACO Inc. (303) 565-8401

3. ADDRESS OF OPERATOR

P. O. Box EE, Cortez, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

DIVISION OF  
OIL, GAS & MINING

1950' FSL and 1820' FWL

Sec. 4

14. PERMIT NO.

43-037-20141

16. ELEVATIONS (Show whether DF, RT, CR, etc.)

5126' DF

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Texaco Inc. plans to start plugging operations by August 1, 1988 on the above well.

18. I hereby certify that the foregoing is true and correct.

SIGNED

Alan A. Kleier

TITLE

Area Manager

DATE

July 6, 1988

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false statement or to omit to disclose any material information or to provide any materially false information.

BLM(4) Farm.-UOGCC(2) LAA-AAK-Navajo Tribe



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other Instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2058

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribe 'AC'

9. WELL NO.

8X

10. FIELD AND POOL, OR WILDCAT

McElmo Mesa

11. SEC., T., R., M., OR BLE. AND  
SURVEY OR AREA

Sec. 4, T41S, R26E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
TEXACO Inc. (303) 565-8401

3. ADDRESS OF OPERATOR  
P.O. Box EE, Cortez, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
1950' FSL and 1820' FWL Sec. 4

14. PERMIT NO.  
43-037-20141

15. ELEVATIONS (Show whether of, at, or, etc.)  
5126' DF

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

The subject well was completed as plugged and abandoned on August 25, 1988. The P & A was initiated on August 17, 1988. The following procedure was followed:

- 1) MIRUSU - NUBOP. TOO H w/rods and pump. Production tbg. stuck.
- 2) Free point and cut tubing at 3756'. TOO H with tbg.
- 3) TIH with bit and clean out to 3755'. TOO H.
- 4) Run and set cement retainer at 3728'. Cement with 25 sx cement below retainer - spot 10 sx on top. Load hole with 9.2 ppg mud.
- 5) Perforate 4-way squeeze hole at 2390'. TIH with tbg. and pkr. Cement 2390' with 25 sx cement (15 sx out/10 sx in). Spot 25 sx cement plug inside 5 1/2" casing at 1129'. Spot 30 sx cement plug at 223' to surface.
- 6) Clean location. Cut csg. off.
- 7) Erect dry hole marker. RDMOSU.

18. I hereby certify that the foregoing is true and correct

SIGNED

Alan A. Kleier

TITLE Area Manager

DATE Sept. 8, 1988

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

BLM(4)Farmington-UOGCC(3)-LAA-Navajo Tribe-AAK

Title 18 U.S.C. Section 1901, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representation as to any matter within its jurisdiction.